

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2007-201491

(43)Date of publication of application : 09.08.2007

(51)Int.Cl. *H01L 51/50 (2006. 01)*
H05B 33/12 (2006. 01)
G09K 11/06 (2006. 01)

(21)Application number : 2007-063815 (71)Applicant : IDEMITSU KOSAN CO LTD

(22)Date of filing : 13.03.2007 (72)Inventor : FUKUOKA KENICHI
 TAGAMI SANAE
 HOSOKAWA CHISHIO

(30)Priority

Priority number : 11372514 Priority date : 28.12.1999 Priority country : JP

(54) WHITE COLOR ORGANIC ELECTROLUMINESCENCE ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an organic EL element of white color which has a sufficient performance in the practicality such as emitting white color light, having a high luminescence efficiency and having a long-life life.

SOLUTION: In an organic electroluminescence element which has a pair of electrodes and a luminescence medium layer sandwiched between the pair of electrodes, the white color organic electroluminescence element is characterized by the fact that the luminescence medium layer contains a blue color luminescent material and at least one of a fluorescent compound having a fluoranthene structure, pentasene structure, or a perylene structure.

特 許
特 許 公 報
特 許 公 報

LEGAL STATUS

[Date of request for examination] 18.06.2007

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]